

HAWAII

Science and Engineering Profile

	HI	U.S.	Rank		HI	U.S.	Rank
Doctoral scientists, 1995	2,293	453,928	38	Total R&D performance, 1995 (millions)	\$509	\$177,210	38
Doctoral engineers, 1995	202	86,738	46	Industry R&D, 1995 (millions)	\$14	\$130,332	50
S&E doctorates awarded, 1996	129	27,230	39	Academic R&D, 1995 (millions)	\$78	\$21,606	41
of which, in social sciences	40%	15%		of which, in life sciences	41%	55%	
in life sciences	29%	25%		in physical sciences	34%	10%	
in environmental sciences	12%	3%		in environmental sciences	10%	6%	
S&E postdoctorates, 1995	91	35,379	37	Higher education current-fund expenditures, 1995 (millions)	\$754	\$182,602	42
in doctorate-granting institutions							
S&E graduate students, 1995	2,254	436,328	38	Number of SBIR awards, 1990-1996	95	26,399	29
in doctorate-granting institutions				Patents issued to state residents, 1996	80	61,099	46
Population, 1996 (000s)	1,184	269,067	42	Gross state product, 1994 (billions)	\$36.7	\$6,876.0	40
Civilian labor force, 1996 (000s)	591	135,528	43	of which, agriculture	1%	2%	
Personal income per capita, 1996	\$25,159	\$24,231	12	manufacturing, mining, construction	9%	23%	
Federal spending				transportation, communication, utilities	9%	9%	
Total expenditures, 1996 (millions)	\$8,016	\$1,368,858	39	wholesale and retail trade	15%	16%	
R&D obligations, 1995 (millions)	\$480	\$67,080	26	finance, insurance, real estate	23%	19%	
				services	21%	20%	
				government	21%	13%	

Rankings and totals are based on data for the 50 states, D.C., and Puerto Rico.

Data on S&E postdoctorates and S&E graduate students include health fields.

Federal Obligations for Research and Development in Hawaii by Agency and Performer: Fiscal Year 1995

[Thousands of Dollars]

	Total	Federal intramural	All FFRDCs	Industrial firms	Universities & colleges	Other nonprofits	State & local government	State rank
Total, all agencies	480,428	401,963	0	11,179	51,060	14,520	1,706	26
Department of Agriculture	20,296	9,987	0	0	4,941	5,368	0	23
Department of Commerce	11,085	7,599	0	237	3,121	0	128	22
Department of Defense	48,940	33,676	0	9,560	4,889	10	805	30
Department of Energy	6,074	0	0	0	3,106	2,968	0	36
Dept. of Health & Human Services	360,789	340,000	0	606	14,532	5,560	91	8
Department of the Interior	10,797	10,651	0	0	100	0	46	13
Department of Transportation	636	0	0	0	0	0	636	49
Environmental Protection Agency	246	0	0	0	171	75	0	46
Nat'l Aeronautics & Space Admin.	7,424	50	0	659	6,715	0	0	32
National Science Foundation	14,141	0	0	117	13,485	539	0	30
State rank	26	10	na	42	37	22	38	

Federal R&D obligations are as reported by funding agencies.

FFRDC = federally funded research and development center

SBIR = small business innovation research

na = not applicable